

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-9 (canceled)

Claim 10 (Currently amended): An artificial joint, comprising:

a condyle having a second first functional surface; and

a joint socket having ~~including~~ a socket part, and an inlay having a first ~~second~~ functional surface, and cogging formed between the socket part and the inlay, the first and second functional surfaces being functionally interlinked, wherein ~~at least one of the first and second functional~~ surface is non-spherical in shape, and ~~each of the first and second functional surfaces have~~ has orbital radii that differ from each other in a main functional plane relative to a secondary functional plane rotated by 90° with respect to the main functional plane, and wherein ~~at least one of the first~~ functional surface[[s]] is affixable in different positions relative to the ~~respective joint socket or condyle~~ so as to individually adapt the artificial joint to the patient, the different positions corresponding to different locking stages formed by the cogging, wherein the artificial joint is a human hip replacement joint.

Claim 11 (Currently amended): The joint as recited in claim 10, wherein ~~one of the first and second~~ functional surface[[s]] displays an asymmetry in the main functional plane as compared to the secondary functional plane while the ~~other of the first and second functional surface[[s]]~~ exhibits symmetrical functional planes.

Claim 12 (Currently amended): The joint as recited in claim 10, wherein ~~both the first and second functional surfaces are~~ is non-spherical.

Claim 13 (Previously presented): The joint as recited in claim 10, wherein the first functional surface is one of drum-shaped, spindle-shaped, and oval.

Claim 14 (Canceled)

Claim 15 (Currently amended): The joint as recited in claim 10, wherein ~~one of the first and second~~ functional surface[[s]] is securable in the different positions relative to the ~~respective joint socket or condyle~~ by a positive connection.

Claim 16 (Currently amended): The joint as recited in claim 10, wherein ~~one of the first and second~~ functional surface[[s]] is securable in the different positions relative to the ~~respective joint socket or condyle~~ by a shrinkage connection.

Claim 17 (Previously presented): The joint as recited in claim 10, wherein a diameter one of the first and second functional surfaces in a frontal plane of the patient is between 0.5 mm and 8 mm greater than a diameter of the respective functional surface in a sagittal plane.

Claim 18 (Previously presented): The joint as recited in claim 17, wherein the diameter one of the first and second functional surfaces in the frontal plane of the patient is 2 mm greater than the diameter of the respective functional surface in the sagittal plane.

Claim 19 (Previously presented): The joint as recited in claim 10, wherein the first and second functional surfaces are made of polyethylene.

Claim 20 (Canceled)